

Date: Tue, 15 Mar 94 15:35:05 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #291  
To: Info-Hams

Info-Hams Digest                    Tue, 15 Mar 94                    Volume 94 : Issue 291

Today's Topics:

(none)

Canadian Reciprocal Info Please  
Daily Summary of Solar Geophysical Activity for 14 March  
Diesel or Taurus fr HF/VHF mobile??  
Index to the rec.radio.amateur.\* Supplemental Archives  
    Info Req. OMEGA SYSTEM  
    Info Req. Vintage Gear  
        list (2 msgs)  
need extra class book and tape recommendation  
    Repeaters in Europe ?  
    SF PD miscellany  
TX Amp for 20 mtrs QRP rigs.  
    vanity call information

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 15 Mar 94 18:24:56 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: (none)  
To: info-hams@ucsd.edu

As a regular reader of INFO-HAMS it would appear that there is someone  
on the net that could help me. I am using a UNIX work station for my hobbie  
computer. I am trying to Get UUCP to work with a friends computer that is on  
the inter\_net. Most of the time I can send mail to a user with a node address  
but not allways. All of the time I can send mail and receive mail to the

machine doing the uucp connection with mine. Allways when mail comes from the network to mine it ends up in the dead.letter file. I am looking for someone on the net work to exchange headers with that could help me with this. Working thru this has been a lot of fun but this is kind of a bump. Thanks for your time ....

Roy WBOWWA

Direct Email is  
burgess@iccs6000.unl.edu

Date: 15 Mar 94 14:55:00 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Canadian Reciprocal Info Please  
To: info-hams@ucsd.edu

I will be in Edmonton in late June/early July and want to be able to use a dual band HT.

Having previously had a short term reciprocal licence when in Vancouver some years ago

I am aware that the best thing to do is to apply to the local Department of Communications

Regional Office. Can some one tell me which one that is for Edmonton, and let me have the address.

If you know the fax number that is even better. (Faxes are wonderful for a fast reply!)

Thanks for your help, maybe talk to you when I am there.

Bob Harris G4APV

R. G. HABETS@SHU.AC.UK

Date: Mon, 14 Mar 1994 22:59:32 MST  
From: elroy.jpl.nasa.gov!usc!sol.ctr.columbia.edu!newsxfer.itd.umich.edu!  
nntp.cs.ubc.ca!alberta!ve6mgs!usenet@ames.arpa  
Subject: Daily Summary of Solar Geophysical Activity for 14 March  
To: info-hams@ucsd.edu

## DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

14 MARCH, 1994

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 14 MARCH, 1994

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 073, 03/14/94  
10.7 FLUX=087.2 90-AVG=106 SSN=035 BKI=4444 4344 BAI=025  
BGND-XRAY=A6.9 FLU1=5.1E+06 FLU10=2.3E+04 PKI=4554 4444 PAI=029  
BOU-DEV=048,067,056,048,046,031,042,061 DEV-AVG=049 NT SWF=00:000  
XRAY-MAX= B1.6 @ 1354UT XRAY-MIN= A6.0 @ 1902UT XRAY-AVG= A9.5  
NEUTN-MAX= +003% @ 0850UT NEUTN-MIN= -002% @ 1710UT NEUTN-AVG= +0.1%  
PCA-MAX= +0.2DB @ 0230UT PCA-MIN= -0.3DB @ 0720UT PCA-AVG= +0.0DB  
BOUTF-MAX=55354NT @ 0316UT BOUTF-MIN=55297NT @ 1842UT BOUTF-AVG=55330NT  
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+069,+000,+000  
GOES6-MAX=P:+133NT@ 1715UT GOES6-MIN=N:-108NT@ 0658UT G6-AVG=+090,+024,-048  
FLUXFCST=STD:090,095,095;SESC:090,095,095 BAI/PAI-FCST=015,015,010/018,012,010  
KFCST=2214 4122 2114 5111 27DAY-AP=018,015 27DAY-KP=4333 5333 3433 3332  
WARNINGS=\*GSTRM;\*AURMIDWCH  
ALERTS=  
!!END-DATA!!

NOTE: The Effective Sunspot Number for 13 MAR 94 was 28.0.

The Full Kp Indices for 13 MAR 94 are: 5- 5- 3o 4o 3o 3- 3- 4-

The 3-Hr Ap Indices for 13 MAR 94 are: 36 44 16 26 15 12 14 21

Greater than 2 MeV Electron Fluence for 14 MAR is: 1.9E+09

## SYNOPSIS OF ACTIVITY

SESC SYNOPSIS COVERS THE INTERVAL FROM 13/2100Z TO 14/2100Z:

Solar activity was very low.

Solar activity forecast: solar activity is expected to be very low to low. Region 7688 (N19E20) has the only flare potential with a small chance of C-class activity.

The geomagnetic field has been at unsettled to active levels for the past 24 hours. High latitude stations reported minor storming for the last half of the period. Energetic electron fluxes (GT 2 mev) have been at moderate to high levels during the period.

Geophysical activity forecast: the geomagnetic field is expected to be mostly unsettled for the entire forecast period.

Event probabilities 15 mar-17 mar

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 15 mar-17 mar

A. Middle Latitudes

Active	30/25/20
Minor Storm	15/15/10
Major-Severe Storm	05/05/05

B. High Latitudes

Active	35/25/25
Minor Storm	15/15/15
Major-Severe Storm	05/05/05

STD: HF propagation conditions continued to gradually improve throughout most of the UTC day. Renewed activity near the end of the UTC day appears to be producing minor signal degradation again for transpolar and transauroral circuits. Similar periods of minor signal degradation can be expected over the next several days, although general conditions should continue to gradually improve.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

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REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 14/2400Z MARCH

-----  
NMBR LOCATION LO AREA Z LL NN MAG TYPE  
7688 N19E20 225 0130 CA0 07 012 BETA  
7690 S15W82 327 0010 BX0 04 003 BETA  
7689 S10W78 323 PLAGE

REGIONS DUE TO RETURN 15 MARCH TO 17 MARCH

NMBR LAT LO  
NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 14 MARCH, 1994

-----  
BEGIN MAX END RGN LOC XRAY OP 245MHZ 10CM SWEEP

2153 2153 2155

120

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 14 MARCH, 1994

BEGIN MAX END LOCATION TYPE SIZE DUR II IV  
NO EVENTS OBSERVED

INFERRRED CORONAL HOLES. LOCATIONS VALID AT 14/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS  
EAST SOUTH WEST NORTH CAR TYPE POL AREA OBSN  
NO DATA AVAILABLE FOR ANALYSIS

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
13 Mar:	0247	0250	0252	B2.9						
	0304	0308	0311	B2.3						
	0348	0352	0357	B2.9						
	1104	1109	1128	B4.8	SF	7690	S14W62			
	1322	1322	1335		SF	7688	N16E39			

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
--	--	--	--	--	--	--	--	--	--	--
Region 7688:	0	0	0	1	0	0	0	0	001	(20.0)
Region 7690:	0	0	0	1	0	0	0	0	001	(20.0)
Uncorrellated:	0	0	0	0	0	0	0	0	003	(60.0)

Total Events: 005 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
--	--	--	--	--	--	--	--	--
								NO EVENTS OBSERVED.

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

\*\* End of Daily Report \*\*

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Date: Tue, 15 Mar 1994 09:25:11 GMT  
From: ihnp4.ucsd.edu!sdd.hp.com!apollo.hp.com!hpwin052!hpqmoea!  
dstock@network.ucsd.edu  
Subject: Diesel or Taurus fr HF/VHF mobile??  
To: info-hams@ucsd.edu

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: This was a \*real\* mechanical injection diesel engine. With \*all\* electrical  
: systems disconnected, it still made the pseudo-ignition noise. The best  
: guess we could come up with was that the plasma formed by combustion was  
: somehow shock exciting something and causing it to radiate. We considered  
: static discharges due to the rotating machinery, but we bonded \*everything\*,  
: including finger stock on the crank and cam, and on the injection pump  
: cam, and we put anti-static brushes on the clutch, all without making it  
: go away. So I don't think that was it. It would sit there at idle in the  
: shop and tear up every radio in the place with absolutely \*no\* electrical  
: equipment operating on the vehicle. A real puzzle.

: Gary

A first class enigma ! Ever try a spectrum analyser and  
close-field probe on it ? Another thing would have been to try to use a

scope to verify that it was repetitive at engine revs, and if so what it coincided with. I hate to have missed such a puzzle.

Seems I got a couple of (mild) flames about saying no computers on my Diesel, well MINE HAS NONE. There's one in the pull-out entertainment radio, but that just pulls out. No engine management CPU, no computer aided instruments of airconditioning, manual gears. Nice ! and it meets all the emissions regulations scheduled to come in up to the end of the century. It's a direct injection unit, and apart from start-up runs without any visible smoke even on throttle opening and full boost.

Fuel consumption is better than HALF that of the petrol (gasolene) version of the same vehicle.. this translates into less CO<sub>2</sub> as well as less money. Direct injection turbodiesels have reduced the particle problem somewhat, and it looks like the cyclone particle traps should kill the problem completely. I'm not sure how the petrol engine could compete afterwards without a CO<sub>2</sub> remover....

Cheers

David GM4ZNX

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Date: Tue, 15 Mar 1994 12:00:21 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!wupost!crcnis1.unl.edu!  
news.unomaha.edu!news@network.ucsd.edu  
Subject: Index to the rec.radio.amateur.\* Supplemental Archives  
To: info-hams@ucsd.edu

Posted-By: auto-faq 3.2.1.2  
Archive-name: radio/ham-radio/archives

The following is a list of informational files for this newsgroup available via anonymous FTP from ftp.cs.buffalo.edu or the Australia/Asian-Pacific mirror at grivel.une.edu.au.

Questions to bowen@cs.buffalo.edu

1750m.band - misc info on the 1750m band  
222xvtr.zip - PostScript code for KH6CP no-tune 222-MHz transverter  
8085sys.zip - 8085 system software, from QEX 11/93 and 12/93  
alinco\_180t\_mod - Alinco 180T modification for a TNC connection  
ampr\_coordinators - coordinators for packet IP addresses  
antenna\_refs - references for articles about antenna designs  
antique\_radio\_info - misc info about antique radio collecting  
arrl-logo.ps - ARRL logo in PostScript format  
arrl\_bib - bibliographies from ARRL literature (ASCII format)  
arrl\_digital\_minutes - Minutes of the ARRL committee on digital comm.

arrl\_fo\_jobs - descriptions of some ARRL Field Organization jobs  
arrl\_info\_service - announcement of the ARRLs trial information service  
bbs\_interface\_specs - specifications for message passing protocol  
cal\_pd\_freq - California police frequencies  
callbook.tar.Z - sources for the marvin callsign server v1.3  
canadian.Z - Canadian ham database in FCC format  
carpet.loop.2 - Antenna for apartments and small spaces  
clubcalls.Z - database of US ham clubs  
comb6.zip - HF Propagation Predication program  
docket\_91-36 - information regarding the proposed scanner regs  
dxcc-k2di - ARRL DXCC country list  
dx\_w2iol.dat - data for all country prefix, position, etc  
dx\_w2iol.doc - documentation for the above database  
element\_credit - rules about VE credit for earliers exams  
elmers\_admin - information about the elmers list (see below)  
elmers\_index - quick reference index of elmers  
elmers\_list - list of elmers on the network  
exam\_ops - info on exams and exam opportunities  
faq\_callsign - frequently asked questions about the callsign server  
faq\_ham\_1 - frequently asked questions about ham radio (pts 1)  
faq\_ham\_2 - frequently asked questions about ham radio (pts 2)  
faq\_ham\_3 - frequently asked questions about ham radio (pts 3)  
faq\_packet - frequently asked questions about packet radio  
faq\_shortwave - frequently asked questions about shortwave  
fcc\_part\_97\_1 - text of the FCC part 97 amateur regulations (part 1)  
fcc\_part\_97\_2 - text of the FCC part 97 amateur regulations (part 2)  
fcc\_part\_97\_3 - text of the FCC part 97 amateur regulations (part 3)  
fft.com - EGA/VGA DOS command for spectral display (QST 1/92)  
ffth.com - Hercules DOS command for spectral display (QST 1/92)  
field\_day\_92 - field day rules for 1992  
florida\_antenna - Florida State antenna law info  
guide2newsgroups - description of USENET newsgroups dedicated to radio  
ham\_sat\_sum - summary of information needed to get on satellite  
hams\_on\_usenet - list of ham operators and e-mail addresses on the net  
hamstacks - information about the question pool stacks  
handicap\_waiver - info on obtaining a handicapped test waiver  
hf\_rigs - QST reviews of available HF rigs  
ht\_info - general information about commercial hand helds  
icom\_ic\_w21at\_mods - increases the number of bands on an Icom IC W21AT  
intro\_to\_sw1 - info for aspiring short wave listeners  
intro\_to\_scanners - info for aspiring scanner listeners  
jlem.zip - Program, w/source, for 2kx8 ROM emulator (QEX 1/93)  
j-poles - description of j-pole antenna made from twin-lead  
lead\_acid\_batteries - essay on lead-acid batteries  
license\_plates - guide to ham calls on license plates  
logos - PostScript logos for various ham organizations  
mail\_order - a database of electronic mail order shops  
manufacturers - names and addresses of ham gear manufacturers

mav11.ps - postscript image of MAV-11 amplifier PCB (QEX 9/93)  
mlhacker.zip - newsletters about the MiniSport Laptop Hacker  
mods - directory containing radio modifications  
motorola\_ge\_service\_man - how to get service manuals for Motorola and GE rigs  
nasa\_select - places where you can hear NASA SELECT broadcasts  
new\_packeteers - helpful essays for new packeteers  
newcomers - tips and hints for those new to amateur radio  
nprm\_93-85\_text - text of docket 93-85 (message forwarding systems)  
nprm\_93-305\_text - text of docket 93-305 (vanity call system)  
packet\_clubs - organizations you can get more packet info from  
packet\_gateways - list of gateways from packet to Internet  
packet\_header\_standard - description of BBS message header standards  
packet\_misc - miscellaneous packet info  
packet\_software - list of packet software versions  
phone\_bbs\_list - phone BBSs for ham related issues/software  
pio\_handbook - ARRL Public Information Officer's Handbook  
pr\_docket\_92-136 - text of FCC PR Docket 92-136  
qex1193.ps - Postscript image of 13cm preamp board, 11/93 QEX "RF"  
qexfq194.zip - Pascal program for PC frequency counter, Jan 1994 QEX  
qsl\_bureau1 - information about the ARRL QSL bureau  
qsl\_bureau2 - "what should I do if" list for the QSL bureau  
qst\_prodrev - index of ARRL product reviews in QST  
quest\_pool\_novice - novice question pool - good after 7/1/93  
quest\_pool\_technician - technician question pool - good after 7/1/93  
quest\_pool\_general - general question pool - good before 6/30/94  
quest\_pool\_advanced - advanced question pool - good before 6/30/95  
quest\_pool\_extra - extra question pool - good before 6/30/96  
rfi\_tips - good posting about RFI  
sol\_geo\_data - description of daily solar geophysical broadcasts  
sol\_terra\_terms - glossary of solar-terrestrial terms  
sstv\_wefax\_info - general help for SSTV and WEFAX users  
tasm.zip - table-driven assembler for weavrdsp.zip file  
txt2eprm.zip - morse code ID generator programming utility (QEX 2/94)  
usenet\_purchases - tips on buying and selling via USENET  
vlf\_elf\_references - references for info on VLF and ELF radio  
weavrdsp.zip - src to "Weaver Method Modulator Using DSP" (QEX 9/93)

For readers of this newsgroup both new and experienced, these files are a de-facto "Required Reading List" to provide definitive answers and pointers to other sources for questions that come up in this forum.

This is also your archive, so any additional articles, guides, or small PostScript graphics that you feel would enhance this collection are most welcome. Submit to Devon via his E-mail address above.

Thanks go to Devon Bowen, KA2NRC, for providing diskspace and maintaining these valuable archives, as well as all the authors who wrote and submitted the information contained in them.

Additional archives out there that have /pub/ham-radio directories are encouraged to "mirror" these files to provide redundant storage for these documents. Some of these sites (which may or may not mirror ftp.cs.buffalo.edu) include:

ucsd.edu	/hamradio
nic.funet.fi	/pub/ham
	/pub/dx
csseq.cs.tamu.edu	/ham-radio
suntan.tandem.com	/hamradio
col.hp.com	/packet
ftp.cs.buffalo.edu	/pub/ham-radio
bubba.business.uwo.ca	/hamster/ham
	/hamster/tcpip
	/hamster/mods
	/hamster/view
vax.cs.pitt.edu	/pub/arrl8
	/pub/ka9q
	/pub/ncpa
	/pub/tnc2
brolga.cc.uq.oz.au	/pub/ka9q
tomcat.gsfc.nasa.gov	/public
helios.tn.cornell.edu	/pub
wuarchive.wustl.edu	/mirrors/msdos/hamradio
	/mirrors/msdos/packet
	/mirrors/msdos/ka9q-tcpip
	/mirrors/cpm/hamradio
	/mirrors/cpm/packet
	/mirrors/misc/hamradio
	/mirrors/misc/packet
	/mirrors/misc/ka9q-tcpip
gatekeeper.dec.com	/pub/net/ka9q
sun.soe.clarkson.edu	/pub/ka9q
sics.se	/archive/packet
	/pub/packet-incoming
sabrina.dei.unipd.it	/pub/hamradio
uhunix2.uhcc.Hawaii.Edu	/incoming/ham-radio
caticsuf.cati.csufresno.edu	/pub/ham-radio
ftp.waseda.ac.jp	/pub/toumon/ham-radio
garfield.catt.ncsu.edu	/pub/hamradio
plan9.njit.edu	/pub/hamradio
sunee.uwaterloo.ca	/pub/radio
grivel.une.edu.au	/pub/ham-radio
uxc.cso.uiuc.edu	/pub/ham-radio
iraun1ира.uka.de	/pub/ham-radio
nic.switch.ch	/software/hamradio
	/software/mac/ham-radio

iesd.auc.dk	/ham-radio
akutaktak.andrew.cmu.edu	/aw0g (softkiss-mac)
gandalf.umcs.maine.edu	/pub/ham-radio #! ls -l NO !)
rtfm.mit.edu	/pub/usenet/news.answers/radio
tamu.edu	/pc-sig
ftp.geo.brown.edu	/pub/hamradio
ns.risc.net	/ham-radio
ftp.std.com	/pub/hamradio
ftp.fidonet.org	/pub/fidonet/ham
ftp.halcyon.com	/pub/fidonet/ham
ftp.fcc.gov	/pub

Questions about FTP mirroring and access to appropriate software should be directed to me, or do an Archie search on the keyword "mirror."

For those without FTP access (and only those without FTP access, please), there is an FTP mail server at [ftpmail@decwrl.dec.com](mailto:ftpmail@decwrl.dec.com). Send the word "HELP" to this address for more information.

Additional documents on Usenet and other newsgroups may be obtained from [rtfm.mit.edu](mailto:rtfm.mit.edu) via anonymous FTP or via mail server (send the word "HELP" to [mail-server@rtfm.mit.edu](mailto:mail-server@rtfm.mit.edu)).

The American Radio Relay League has recently made available a mail-server to distribute many of their informational documents in electronic form. Send E-mail to [info@arrl.org](mailto:info@arrl.org) with "HELP" in the message body for more information. These files are also mirrored on [ftp.std.com](mailto:ftp.std.com).

Yet another mail-server has been made available by Steve Harding, KA6ETB. Send E-mail to [ham-server@grafex.sbay.org](mailto:ham-server@grafex.sbay.org) with "HELP" in the message body for more information.

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73, Paul W. Schleck, KD3FU

[pschleck@unomaha.edu](mailto:pschleck@unomaha.edu)

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Date: 15 Mar 1994 12:25:06 GMT  
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!jussieu.fr!cnam!vcnam.cnam.fr!  
mabboux@network.ucsd.edu  
Subject: Info Req. OMEGA SYSTEM  
To: info-hams@ucsd.edu

Hi!

I need regular information on the OMEGA SYSTEM ,  
( 10 kHz world wide interferometric radio localization network).

Where can I obtain information, as like on/off station/channel activity  
or power modification .

Thanks for advance .

Bruno Mabboux .

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Date: 15 Mar 94 05:39:11 -0400  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!math.ohio-state.edu!  
cyber2.cyberstore.ca!nntp.cs.ubc.ca!utcsri!newsflash.concordia.ca!nstn.ns.ca!dal1!  
giddy@network.ucsd.edu  
Subject: Info Req. Vintage Gear  
To: info-hams@ucsd.edu

Hi Folks:

I'm new here. Are there people around this group who might be knowledgeable  
about older communications receivers?

I am interested in starting to collect some of the gear I and many of my  
contemporaries started out with. (Hammarlund, Hallicrafters, National etc.)

I am concerned about availability of service info and not paying too much  
(I would not pay HRO-60 prices for a Knight Ocean-Hopper :-))

Any direction and comments from like-interested people?

73  
Kevin, VE1BEX

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Date: 15 Mar 94 13:43:58 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: list  
To: info-hams@ucsd.edu

subscribe

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Date: 15 Mar 94 13:45:31 GMT  
From: news-mail-gateway@ucsd.edu

Subject: list  
To: info-hams@ucsd.edu

subscribe Info-ham Evert Halbach

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Date: 15 Mar 94 12:18:55 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: need extra class book and tape recommendation  
To: info-hams@ucsd.edu

>Jerry Sy (ah301@yfn.ysu.edu) wrote:  
> I am thinking of upgrading to extra, any recommendations as to  
> which book, tapes, software (mac or pc) to use as study guide ?  
>I just took 3b and 4a this weekend. I went to look at the available exam  
>prep books today (neat coincidence). Anyway the W5yi stuff was really  
>nothing but the questions and answers with just a little bit about the  
>reasons or process. The AMECO books were slightly more indepth with  
>regard to the answers. The ARRL book was definitely the way to go. It is  
>organized with all the theory and regs in the front of the books with the  
>appropriate questions listed at the end of the section so you can look at  
>the exact questions.  
>  
>I bought the ARRL book. Can't give a recommendation for tapes though, I  
>am trying to use Super Morse. Still haven't passed 1b or 1c yet.  
>  
>cheers,  
>Dan

I agree 100% with Dan. I cannot remember things unless I really understand them and the league manuals are definitely the optimum IMHO. They give you actually more than you need to take the test and the good is that you can use them later as a reference.

Regarding the code test, I'm with Dan again suggesting SuperMorse in any version you can find (I think the current is 4.10 and should be widely available on the net). Using the tape I guest can lead to memorization after some time while SM can generate random patterns that teach you to really copy code (the blocks are meaningless group of words) instead of presuming the word before it is really received (useful when you'll be on the air).

73!  
Marco ix1iiy/aa1iu

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Marco Fassiotto | Voice : +39-125-524650 | ham : ix1iiy/aa1iu

System Software Engineer | Fax : +39-125-524294 | pkt : ix1iiy@ik1brm  
Laser Printers | Data: +39-125-524374 -----  
Olivetti | Internet : fax@sparc4.ico.olivetti.com  
| fax%sparc4@olivetti.com

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Date: Tue, 15 Mar 1994 08:11:37 GMT  
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!jussieu.fr!univ-lyon1.fr!  
swidir.switch.ch!news.unige.ch!ugcmu!burrus@network.ucsd.edu  
Subject: Repeaters in Europe ?  
To: info-hams@ucsd.edu

Beginner's questions :

What's a repeater ?  
How does it work ?  
How to use repeaters in Europe ?  
What's Automatic Repeater Shift ?

Thanks in advance  
Christophe

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Date: Tue, 15 Mar 1994 06:50:05 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!  
msattler@network.ucsd.edu  
Subject: SF PD miscellany  
To: info-hams@ucsd.edu

I'm not sure how misc r.r.a.misc is, bit perhaps this fits.

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The following information was received today (13 Mar 94) via  
FAX from the San Francisco Police Department Communications  
section. All errors are my own.

Comments? msattler@jungle.com

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Police stations:  
A - Central  
B - Southern  
C - Potrero  
D - Mission  
E - Northern

F - Park  
G - Richmond  
H - Ingleside  
I - Taraval  
J - Tenderloin Task Force

Police Frequencies:

PIC #1 460.225 G, H, I  
PIC #2 460.125 C, D  
PIC #3 460.500 A, B, J  
PIC #4 460.075 E, F  
PIC #5 460.450 tow desk  
PIC #6 460.350 admin  
PIC #7 460.525 PT&T (Parking, Traffic & Tickets)  
PIC #8 460.550 traffic, MUNI, narcs, vice  
PIC #9 460.025 CLEMARS

Note: portable UHF radios transmit 5 mhz higher on all duplex frequencies (PIC #1 through #9)

Police Unit Designators:

1 - administrative  
2 - technical services  
3 - patrol  
4 - special operations  
5 - investigations

Units are referred to as [designator][station][sector], as in 3B40.

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San Francisco Police Department  
Radio Code  
FCC callsign: KMA438  
doc. ver. SFPD 2 (8/86)

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NOTES:

- 1) Radio Code Modifiers
  - a) RED - felony want or record
  - b) X - female subject
  - c) J - juvenile subject
- 2) Location must be specified by units for the following codes:  
10-7, 10-8F, 10-28, 10-29, 10-96, 10-98, 406, 407, 408,  
409, 531, 585

3) Units are considered 10-8 while on the following:  
527, 585, 587, 596, 901, 902, 904, 905

4) \* denotes a new radio code, or one whose meaning has changed  
since the last revision.

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Code 3 \* emergency response  
Code 4 no further asst. req d. - specify reason  
Code 33 clear channel for emergency  
10-1 receiving poorly  
10-2 receiving well  
10-4 message rec d.  
10-7A \* out of service (administrative)  
10-7B \* out of service (beginning of watch)  
10-7C \* out of service (court)  
10-7E \* out of service (end of watch)  
10-7F \* out of service (follow-up)  
10-7G \* out of service (gas/garage)  
10-7I \* out of service (investigation)  
10-7M \* out of service (meal)  
10-7R \* out of service (radio shop/range)  
10-7S \* out of service (station)  
10-7T \* out of service (traffic control/training)  
10-8 in service  
10-8F in service (foot patrol)  
10-9 repeat last message  
10-13 advise condition at scene  
10-20 location  
10-22 cancel  
10-23 standby temporarily  
10-25 \* respond as back-up (specify units & codes)  
10-28 vehicle registration info.  
10-29 warrant and record check  
10-30 wanted person or vehicle  
10-31 person has arrest record  
10-32 person or vehicle not wanted  
10-34 confidential info. follows  
10-35 consent to search  
10-36 emergency notification  
10-43 \* Intelligence Div. interested  
10-96 undercover surveillance area - marked units keep out  
10-97 arrived at scene  
10-98 enroute to new location, present assignment  
100 alarm (silent or audible)  
148 \* resisting arrest  
152 \* drunk driver  
187 \* homicide

207 \* kidnapping  
211 robbery  
212 strongarm robbery  
213 purse snatch  
216 \* shots fired  
217 shooting  
219 stabbing/cutting  
221 person with gun  
222 person with knife  
240 assault/battery  
245 \* aggravated assault/ADW  
261 sexual assault/rape  
288 sexual assault, victim under 15 y/o  
311 indecent exposure  
400 demonstration/pickets  
404 riot  
405 citizens holding prisoner  
406 \* officer need emergency help  
407 \* prisoner transport  
408 ambulance  
409 tow-truck  
410 requested assistance responding  
415 noise complaint  
416 \* citizen standby  
417 person ringing doorbells  
418 \* fight or dispute, no weapons  
419 \* fight with weapons, specify  
420 juvenile disturbance  
459 burglary  
470 \* fraud  
487 grand theft  
488 petty theft  
496 \* stolen property receiving  
518 veh. accident, non-injury  
519 veh. accident with injury  
520 \* aided case  
527 bonfire  
528 fire  
529 explosion  
530 bomb threat  
531 suspected explosive device found  
585 traffic stop  
587 parking violation  
588 \* driveway violation - tow  
594 \* malicious mischief (vandalism)  
595 \* malicious mischief (grafitti)  
596 abandoned vehicle  
600 roadblock

601 \* trespassers  
602 person breaking in  
603 prowler  
647B \* prostitute  
650 \* threats  
799 senile person  
800 mentally-disturbed person  
801 person attempting suicide  
802 coroner s case  
806 juvenile beyond parental control  
807 missing juvenile  
809 missing person  
811 intoxicated person  
819 rolling of intoxicated person  
851 stolen vehicle  
852 auto boost/strip  
853 recovered stolen vehicle  
901 call station (or other location)  
902 return to station  
904 \* meet with officer, non-emergency  
905 \* meet with City or public service empl.  
909 citizen requests interview  
910 check on well-being  
911 broken window  
912 person dumping rubbish  
913 complaint unknown  
914 person down  
916 suspicious person in vehicle  
917 suspicious person  
918 person screaming for help  
5150 \* mental-health detention

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Michael Sattler, KE6DZF | All that is required | Encrypt now; ask me how.  
Digital Jungle Software | for evil to triumph | Finger for PGP key.  
msattler@jungle.com | is for {wo}men of good | GCSy+n+f+g+t+d--p--c++u+  
+1.415.621.2903 | will to do nothing. | e+m++s++/rhw!l

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Date: Tue, 15 Mar 1994 06:21:14 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!newsserver.jvnc.net!  
raffles.technet.sg!ntuix!ntuvax.ntu.ac.sg!asirene@network.ucsd.edu  
Subject: TX Amp for 20 mtrs QRP rigs.  
To: info-hams@ucsd.edu

Hi,

Need recommendation for a small TX amp kit which takes about 4 watts output from my QRP rig and puts out 20-30 watts with built in T-R switching (preferably solid-state T-R) and runs off 12-13.8v DC power supply. Must be small so I can fit it into my existing rig's casing. Should be something similar to the QAMP-20 from Ramsey Hobby kits. BTW, this is for 20 meters. Tks.

73,  
Daniel

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Date: 15 Mar 94 13:56:14 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: vanity call information  
To: info-hams@ucsd.edu

>How about some information on what the vanity callsign program is and what >stage of proposal or reality is it. Does that mean I could get back an >old call I held if it hasn't been reassigned??  
>Jeff

See February QST and other amateur radio magazines for all the details -- maybe even look at ftp.fcc.gov (although i doubt anything on this is there...) haven't pulled an index in a while, but also see info@arrl.org and some of the other places (what is it? world.std.com? for one...)

QST printed the RM in Feb in it's entirety. The ARRL filed for and got an extension of time for filing comments.

And if you have the bucks (proposal would be \$70) and the call is unassigned (it would be #1 on your list of 10 you submit - if the proposal were to pass unrevised) you could get it...although i believe you pay regardless of whether or not any of your ten favorite calls is available...

bill wb9ivr

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End of Info-Hams Digest V94 #291  
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